1. db.zips.aggregate([{$match:{state:"IA"}},{$project:{\_id:0,city:1,state:1}}])
2. db.zips.aggregate([{$match:{pop:{$lt:1000}}},{$project:{\_id:0,city:1,state:1}}])
3. db.zips.aggregate([

{$group:{

\_id:{'city':'$city','state':'$state'},

num\_zipcodes: {$sum:1}

}},

{$match:{num\_zipcodes:{$gt:1}}},

{$sort:{'\_id.state':1,'\_id.city':1}},

{$project:{\_id:0, city:'$\_id.city',num\_zipcodes:1}}

]);

1. db.zips.aggregate([

{$group:{ \_id:{'city':'$city','state':'$state'}, population : {$sum:'$pop'} }}, {$sort:{"\_id.state":1,population:1}},

{$group:{\_id:"$\_id.state",city:{$first:"$\_id.city"},

population:{$first:"$population"}}}, {$project:{\_id:0, city:'$city',state:'$\_id',population:1}} ]);